Applicant: Gholam-Reza Zadno-Azizi, et al. Attorney's Docket No.: 17075-003004 / 0102D

Amendment

Serial No.: 10/081,569

Filed: February 21, 2002

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## **Amendments to the Specification:**

Please add the following **new** paragraphs after paragraph [0009]:

[0009.1] In one embodiment, there is disclosed a pulmonic fluid-flow control device, comprising: a one-way valve dimensioned for placement in a bronchial passageway, wherein the valve is movable between an open configuration allowing air flow through the valve and a closed configuration restricting air flow through the valve, the valve being biased into the closed configuration, and wherein the device has a construction that completely blocks air flow through the bronchial passageway when the valve is in the closed configuration; and a frame coupled to the valve, wherein the frame self-expands within a bronchial passageway sufficiently to anchor the flow control device within the bronchial passageway.

[0009.2] In another embodiment, there is disclosed a pulmonic fluid-flow control system, comprising: an outer sheath for positioning a valve; and a flow control device including a one-way valve so dimensioned as to be guidable into the outer sheath, the valve so dimensioned for placement in a bronchial passageway, wherein the valve is movable between an open configuration allowing air flow through the valve and a closed configuration restricting air flow through the valve, the valve being biased into the closed configuration, and wherein the flow control device has a construction that completely blocks air flow through the bronchial passageway when the valve is in the closed configuration, and wherein a frame is coupled to the valve, wherein the frame self-expands within a bronchial passageway sufficiently to anchor the flow control device within the bronchial passageway.

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[0009.3] In another embodiment, there is disclosed a pulmonic fluid-flow control device, comprising: a one-way valve dimensioned for placement in a bronchial passageway, wherein the valve is movable between an open configuration allowing air flow through the valve and a closed configuration restricting air flow through the valve, the valve being biased into the closed configuration, and wherein the device has a construction such that no air flow occurs across the flow control device and through the bronchial passageway when the valve is in the closed configuration, and wherein an outer surface of the device is configured to seal with an interior of a body passageway; and a frame coupled to the valve, wherein the frame self-expands within a bronchial passageway sufficiently to anchor the flow control device within the bronchial passageway.

[0009.4] In another embodiment, there is disclosed a pulmonic fluid-flow control system, comprising: an elongate passage for positioning a valve; and a flow control device including a one-way valve so dimensioned as to be guidable in the elongate passage, the valve so dimensioned for placement in a bronchial passageway, wherein the valve is movable between an open configuration allowing air flow through the valve and a closed configuration restricting air flow through the valve, the valve being biased into the closed configuration, and wherein the flow control device has a construction such that no air flow occurs across the flow control device and through the bronchial passageway when the valve is in the closed configuration and wherein a frame is coupled to the valve, wherein the frame self-expands within a bronchial passageway sufficiently to anchor the flow control device within the bronchial passageway.